

Clear View Circulator Bath MPC-Controller, consisting of transparent baths made of polycarbonate. Powerful pressure and suction pump made of industrial plastic material. With temperature range up to max. 100° C. Bath bridge with bore hole for cooling probe (e.g. for immersion cooler TC45-TC100E). With adjustable overtemperature protection according to DIN 12876.

Special Case: Acetone and Polyglycol: The plastic pump is not resistant against acetone and polyglycols (depending on the manufacturer). It is recommended that water is mixed with either glysantine or ethylene glycol for freeze protection. A more resistant plastic is available on request at an additional cost.

MPC-Controller:

Modern and easy to use microprocessor controller with a large temperature display.

Limited to essential functions only:

- * Simple operation using only 3 keys
- * Large temperature display, actual temperature and set point
- * LED indicators for pump, cooling and heating
- * RS232/serial with the LAI commands G,v,L; (SpyLight compatible)

Technical data according to DIN 12876

Operating temperature range	25...100 °C
with water cooling	20...100 °C
with refrigerator	15...100 °C
Temperature stability at 70°C	0,05 K
Temperature adjustment	digital
Temperature indication	digital
Absolute accuracy	setup for calibration
Internal temperature sensor	Pt100
Safety classification	Class III / FL
Heating power	2 kW
max. delivery	20 l/min
max. delivery pressure	0.2 bar
Suction pump	yes
max. delivery (suction)	17 l/min
max. delivery pressure (suction)	0,18 bar
Pump connenction (optional)	M16x1 male
Bath volume	12 l
Filling capacity	12 l
Width bath opening WxD/ bath depth	303x161/ 150 mm
Overall dimensions WxDxH **	333x360x335 mm
Net weight	8 kg
Power supply requirement	230V 1~ 50/60Hz
max. current	10 A
min. Fuse (1 phase)	10A
max. Fuse (1 phase)	16A
min. ambient temperature	5 °C
max. ambient temperature	40 °C



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Technical details and dimensions are subject to change. No liability is accepted for errors or omissions.

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Accessories and periphery: , Bath Bridges #19593, cooling coil #30554, drain valve , pump adaptor #19606, test tube racks Typ 1-4, nozzle #33288, holder for dip cooler TC45(E)-TC100(E) #14562, cover for bath bridges #40836*, DS level regulator #9580, adjustable base #40764, Bath covers in various versions: see catalogue,.

* standard equipment

Output data valid for: Room temperature 20° C

In accordance with EN60034-1 the following voltage and frequency tolerances are valid:

Voltage + / - 10%, as long as the frequency tolerance does not run in the opposite direction.

Example: -10% voltage and + 3% frequency -> not allowed !

-10% voltage and -3% frequency -> allowed.

** Please respect space requirements. See operating conditions at www.huber-online.com